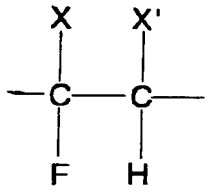
CLAIMS

1 Structure successively comprising a layer of a metal L1, a fluoro primer L2 and a layer of a fluoro polymer L3 in which the fluoro primer L2 is derived from a fluoro polymer chemically modified by a partial dehydrofluorination followed by an oxidation.

2 Structure according to Claim 1, in which the polymer to be chemically modified contains units of general formula (I):



(I)

in which X and X' can be, independently of each other, a hydrogen atom, a halogen, in particular fluorine or chlorine, or a perhalo alkyl, in particular perfluoro alkyl.

3 Structure according to Claim 2, in which the polymer to be chemically modified is PVDF homopolymer or a VF_2/HFP copolymer.

4 Electrode of a lithium-ion battery having the structure of any one of the preceding claims, in which the metal L1 is the collector and the fluoro polymer L3, which has a high content of carbon and/or oxides, is the electroactive layer thereof.

5 Positive electrode for a lithium-ion battery according to Claim 4, in which the metal L1 is preferably aluminium, the fluoro primer L2 is derived from a fluoro polymer chemically modified by a partial dehydrofluorination followed by an oxidation, and the layer of fluoro polymer L3 comprising mixed oxide particles is the electroactive layer.

6 Negative electrode for a lithium-ion battery according to Claim 4, in which the metal L1 is preferably copper, the fluoro primer L2 is derived from a fluoro polymer chemically modified by a partial dehydrofluorination followed by an oxidation, and the layer of fluoro polymer L3 comprising carbon particles is the electroactive layer.